

**Report of
Endangered, Threatened, and Special Concern
Plants, Animals, and Natural Communities
for Pulaski County, Kentucky**

**Kentucky State Nature Preserves
Commission
801 Schenkel Lane
Frankfort, KY 40601
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Kentucky State Nature Preserves Commission

Key for County List Report

Within a county, elements are arranged first by taxonomic complexity (plants first, natural communities last), and second by scientific name. A key to status, ranks, and count data fields follows.

STATUS

KSNPC: Kentucky State Nature Preserves Commission status:

N or blank = none E = endangered T = threatened S = special concern H = historic X = extirpated

USESA: U.S. Fish and Wildlife Service status:

blank = none C = candidate LT = listed as threatened LE = listed as endangered

SOMC = Species of Management Concern

RANKS

GRANK: Estimate of element abundance on a global scale:

G1 = Critically imperiled

GU = Unrankable

G2 = Imperiled

G#? = Inexact rank (e.g. G2?)

G3 = Vulnerable

G#Q = Questionable taxonomy

G4 = Apparently secure

G#T# = Intraspecific taxa (Subspecies and variety abundances are coded with a 'T' suffix; the 'G' portion of the rank then refers to the entire species)

G5 = Secure

GH = Historic, possibly extinct

GNR = Unranked

GX = Presumed extinct

GNA = Not applicable

SRANK: Estimate of element abundance in Kentucky:

S1 = Critically imperiled

SU = Unrankable

Migratory species may have separate ranks for different population segments (e.g. S1B, S2N, S4M):

S2 = Imperiled

S#? = Inexact rank (e.g. G2?)

S3 = Vulnerable

S#Q = Questionable taxonomy

S#B = Rank of breeding population

S4 = Apparently secure

S#T# = Intraspecific taxa

S#N = Rank of non-breeding population

S5 = Secure

SNR = Unranked

S#M = Rank of transient population

SH = Historic, possibly extirpated

SNA = Not applicable

SX = Presumed extirpated

COUNT DATA FIELDS

OF OCCURRENCES: Number of occurrences of a particular element from a county. Column headings are as follows:

E - currently reported from the county

H - reported from the county but not seen for at least 20 years

F - reported from county & cannot be relocated but for which further inventory is needed

X - known to have extirpated from the county

U - reported from a county but cannot be mapped to a quadrangle or exact location.

The data from which the county report is generated is continually updated. The date on which the report was created is in the report footer. Contact KSNPC for a current copy of the report.

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed, and new species of plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

KSNPC appreciates the submission of any endangered species data for Kentucky from field observations. For information on data reporting or other data services provided by KSNPC, please contact the Data Manager at:

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County	Taxonomic Group	Scientific name	Common name	Statuses	Ranks	# of Occurrences				
						E	H	F	X	U
Pulaski	Vascular Plants	<i>Acer spicatum</i>	Mountain Maple	E /	G5 / S1S2	0	0	1	0	0
Pulaski	Vascular Plants	<i>Aconitum uncinatum</i>	Blue Monkshood	T /	G4 / S2	0	1	0	0	0
Pulaski	Vascular Plants	<i>Adiantum capillus-veneris</i>	Southern Maidenhair-fern	T /	G5 / S2	19	2	0	0	0
Pulaski	Vascular Plants	<i>Agalinis obtusifolia</i>	Ten-lobed False Foxglove	E /	G4G5Q / S1	1	0	0	0	0
Pulaski	Vascular Plants	<i>Ageratina luciae-brauniae</i>	Lucy Braun's White Snakeroot	S / SOMC	G3 / S3	12	1	1	0	0
Pulaski	Vascular Plants	<i>Aureolaria patula</i>	Spreading False Foxglove	S /	G3 / S3	10	0	0	0	0
Pulaski	Vascular Plants	<i>Bartonia virginica</i>	Yellow Screwstem	T /	G5 / S2	1	0	0	0	0
Pulaski	Vascular Plants	<i>Calopogon tuberosus</i>	Grass Pink	E /	G5 / S1	0	0	1	0	0
Pulaski	Vascular Plants	<i>Carex joorii</i>	Cypress-swamp Sedge	E /	G4G5 / S1S2	1	0	0	0	0
Pulaski	Vascular Plants	<i>Castanea pumila</i>	Allegheny Chinkapin	T /	G5 / S2	0	1	0	0	0
Pulaski	Vascular Plants	<i>Ceanothus herbaceus</i>	Prairie Redroot	T /	G5 / S2	4	0	1	0	0
Pulaski	Vascular Plants	<i>Comptonia peregrina</i>	Sweet-fern	E /	G5 / S1	0	0	1	0	0
Pulaski	Vascular Plants	<i>Cypripedium kentuckiense</i>	Kentucky Lady's-slipper	E / SOMC	G3 / S1S2	5	1	0	0	0
Pulaski	Vascular Plants	<i>Cypripedium parviflorum</i>	Small Yellow Lady's-slipper	T /	G5 / S2	1	0	0	0	0
Pulaski	Vascular Plants	<i>Drosera brevifolia</i>	Dwarf Sundew	E /	G5 / S1	1	0	0	0	0
Pulaski	Vascular Plants	<i>Euphorbia mercurialina</i>	Mercury Spurge	T /	G4 / S1S2	1	0	0	0	0
Pulaski	Vascular Plants	<i>Eurybia saxicastellii</i>	Rockcastle Aster	T / SOMC	G1G2 / S1S2	7	0	0	0	0
Pulaski	Vascular Plants	<i>Gymnopogon ambiguus</i>	Bearded Skeleton-grass	S /	G4 / S2S3	2	0	0	0	0
Pulaski	Vascular Plants	<i>Gymnopogon brevifolius</i>	Shortleaf Skeleton-grass	E /	G5 / S1	1	1	0	0	0
Pulaski	Vascular Plants	<i>Helianthus eggertii</i>	Eggert's Sunflower	T /	G3 / S2	1	0	0	0	0
Pulaski	Vascular Plants	<i>Hydrocotyle americana</i>	American Water-pennywort	E /	G5 / S1	0	1	0	0	0
Pulaski	Vascular Plants	<i>Hydrophyllum virginianum</i>	Eastern Waterleaf	T /	G5 / S2?	0	1	0	0	0
Pulaski	Vascular Plants	<i>Hypericum crux-andreae</i>	St. Peter's-wort	T /	G5 / S2S3	1	0	0	0	0
Pulaski	Vascular Plants	<i>Juglans cinerea</i>	White Walnut	S / SOMC	G4 / S3	3	0	0	0	0
Pulaski	Vascular Plants	<i>Juniperus communis</i> var. <i>depressa</i>	Ground Juniper	T /	G5T5 / S2	2	0	0	0	0
Pulaski	Vascular Plants	<i>Lespedeza capitata</i>	Round-head Bush-clover	S /	G5 / S3	2	0	0	0	0
Pulaski	Vascular Plants	<i>Lilium philadelphicum</i>	Wood Lily	T /	G5 / S2S3	6	1	0	0	0

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Pulaski	Vascular Plants	<i>Lobelia nuttallii</i>	Nuttall's Lobelia	T /	G4G5 / S2	1	0	0	0	0
Pulaski	Vascular Plants	<i>Lonicera dioica</i> var. <i>orientalis</i>	Wild Honeysuckle	E /	G5TNRQ / S1	1	1	0	0	0
Pulaski	Vascular Plants	<i>Ludwigia hirtella</i>	Hairy Ludwigia	E /	G5 / S1	1	0	0	0	0
Pulaski	Vascular Plants	<i>Lycopodiella appressa</i>	Southern Bog Clubmoss	E /	G5 / S1	1	0	0	0	0
Pulaski	Vascular Plants	<i>Minuartia glabra</i>	Appalachian Sandwort	T /	G4 / S1S2	4	0	0	0	0
Pulaski	Vascular Plants	<i>Muhlenbergia cuspidata</i>	Plains Muhly	T /	G4 / S2	1	0	0	0	0
Pulaski	Vascular Plants	<i>Paxistima canbyi</i>	Canby's Mountain-lover	T / SOMC	G2 / S2	1	0	0	0	0
Pulaski	Vascular Plants	<i>Philadelphus inodorus</i>	Mock Orange	T /	G4G5 / S1S2	6	1	0	0	0
Pulaski	Vascular Plants	<i>Philadelphus pubescens</i>	Hoary Mock Orange	E /	G5? / S1	0	0	0	1	0
Pulaski	Vascular Plants	<i>Platanthera cristata</i>	Yellow-crested Orchid	T /	G5 / S1S2	1	0	0	0	0
Pulaski	Vascular Plants	<i>Platanthera integrilabia</i>	White Fringeless Orchid	E / C	G2G3 / S1	2	0	0	2	0
Pulaski	Vascular Plants	<i>Potamogeton amplifolius</i>	Large-leaf Pondweed	E /	G5 / S1?	1	0	0	0	0
Pulaski	Vascular Plants	<i>Potamogeton illinoensis</i>	Illinois Pondweed	S /	G5 / S2	1	0	0	0	0
Pulaski	Vascular Plants	<i>Prenanthes crepidinea</i>	Nodding Rattlesnake-root	S /	G4 / S3	1	0	0	0	0
Pulaski	Vascular Plants	<i>Rhynchosia tomentosa</i>	Hairy Snoutbean	E /	G5 / S1S2	1	0	0	0	0
Pulaski	Vascular Plants	<i>Rhynchospora recognita</i>	Globe Beaked-rush	S /	G5? / S3	1	0	0	0	0
Pulaski	Vascular Plants	<i>Saxifraga michauxii</i>	Michaux's Saxifrage	T /	G4G5 / S2	2	0	0	0	0
Pulaski	Vascular Plants	<i>Solidago gracillima</i>	Southern Bog Goldenrod	S /	G4? / S2?	2	0	0	0	0
Pulaski	Vascular Plants	<i>Solidago simplex</i> ssp. <i>randii</i> var. <i>racemosa</i>	Rand's Goldenrod	S /	G5T3? / S3	5	0	0	0	0
Pulaski	Vascular Plants	<i>Spiraea virginiana</i>	Virginia Spiraea	T / LT	G2 / S2	1	0	1	0	0
Pulaski	Vascular Plants	<i>Spiranthes lucida</i>	Shining Ladies'-tresses	T /	G5 / S2S3	1	0	0	0	0
Pulaski	Vascular Plants	<i>Sporobolus clandestinus</i>	Rough Dropseed	T /	G5 / S2S3	2	0	0	0	0
Pulaski	Vascular Plants	<i>Symphotrichum concolor</i>	Eastern Silvery Aster	T /	G5 / S2	2	0	0	0	0
Pulaski	Vascular Plants	<i>Talinum teretifolium</i>	Roundleaf Fameflower	E /	G4 / S1	2	0	0	0	0
Pulaski	Vascular Plants	<i>Taxus canadensis</i>	Canadian Yew	T /	G5 / S2S3	1	0	0	0	0
Pulaski	Vascular Plants	<i>Thuja occidentalis</i>	Northern White Cedar	T /	G5 / S2S3	21	0	0	0	0
Pulaski	Vascular Plants	<i>Tragia urticifolia</i>	Nettle-leaf Noseburn	E /	G5 / S1?	1	0	0	0	0
Pulaski	Vascular Plants	<i>Ulmus serotina</i>	September Elm	S /	G4 / S3	4	0	0	0	0

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Pulaski	Vascular Plants	<i>Viburnum rafinesquianum</i> var. <i>rafinesquianum</i>	Downy Arrowwood	T /	G5T4T5 / S2	1	0	0	0	0
Pulaski	Vascular Plants	<i>Vitis rupestris</i>	Sand Grape	T /	G3 / S2	9	0	0	0	0
Pulaski	Aquatic Snails	<i>Leptoxis praerosa</i>	Onyx Rocksnail	S / SOMC	G5 / S3S4	5	0	0	1	0
Pulaski	Terrestrial Snails	<i>Fumonelix wetherbyi</i>	Clifty Covert	S /	G2G3 / S2	4	0	0	0	0
Pulaski	Terrestrial Snails	<i>Helicodiscus punctatellus</i>	Punctate Coil	S /	G1 / S1	1	0	0	0	0
Pulaski	Freshwater Mussels	<i>Alasmidonta atropurpurea</i>	Cumberland Elktoe	E / LE	G1G2 / S1	0	0	0	2	0
Pulaski	Freshwater Mussels	<i>Alasmidonta marginata</i>	Elktoe	T / SOMC	G4 / S2	0	0	0	1	0
Pulaski	Freshwater Mussels	<i>Cumberlandia monodonta</i>	Spectaclecase	E / C	G3 / S1	0	0	0	3	0
Pulaski	Freshwater Mussels	<i>Dromus dromas</i>	Dromedary Pearlymussel	E / LE	G1 / S1	0	0	0	4	0
Pulaski	Freshwater Mussels	<i>Epioblasma brevidens</i>	Cumberlandian Combshell	E / LE	G1 / S1	8	1	15	4	0
Pulaski	Freshwater Mussels	<i>Epioblasma capsaeformis</i>	Oyster Mussel	E / LE	G1 / S1	0	0	0	18	0
Pulaski	Freshwater Mussels	<i>Epioblasma florentina walkeri</i>	Tan Riffleshell	E / LE	G1T1 / S1	0	0	0	1	0
Pulaski	Freshwater Mussels	<i>Epioblasma obliquata obliquata</i>	Catspaw	E / LE	G1T1 / S1	0	0	0	1	0
Pulaski	Freshwater Mussels	<i>Epioblasma triquetra</i>	Snuffbox	E / SOMC	G3 / S1	2	0	8	0	0
Pulaski	Freshwater Mussels	<i>Fusconaia subrotunda</i>	Longsolid	S /	G3 / S3	0	0	0	5	0
Pulaski	Freshwater Mussels	<i>Hemistena lata</i>	Cracking Pearlymussel	X / LE	G1 / SX	0	0	0	2	0
Pulaski	Freshwater Mussels	<i>Lampsilis abrupta</i>	Pink Mucket	E / LE	G2 / S1	0	0	0	1	0
Pulaski	Freshwater Mussels	<i>Lampsilis ovata</i>	Pocketbook	E /	G5 / S1	1	2	0	3	0
Pulaski	Freshwater Mussels	<i>Obovaria retusa</i>	Ring Pink	E / LE	G1 / S1	0	0	0	1	0
Pulaski	Freshwater Mussels	<i>Pegias fabula</i>	Littlewing Pearlymussel	E / LE	G1 / S1	0	0	0	3	0
Pulaski	Freshwater Mussels	<i>Pleurobema oviforme</i>	Tennessee Clubshell	E / SOMC	G2G3 / S1	0	1	11	3	0
Pulaski	Freshwater Mussels	<i>Pleurobema plenum</i>	Rough Pigtoe	E / LE	G1 / S1	0	0	0	2	0
Pulaski	Freshwater Mussels	<i>Pleurobema rubrum</i>	Pyramid Pigtoe	E / SOMC	G2G3 / S1	0	0	0	4	0
Pulaski	Freshwater Mussels	<i>Ptychobranchus subtentum</i>	Fluted Kidneyshell	E / C	G2 / S1	8	0	9	6	0

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Pulaski	Freshwater Mussels	<i>Quadrula cylindrica cylindrica</i>	Rabbitsfoot	T / C	G3G4T3 / S2	0	0	0	3	0
Pulaski	Freshwater Mussels	<i>Toxolasma lividus</i>	Purple Lilliput	E / SOMC	G2 / S1	2	3	7	3	0
Pulaski	Freshwater Mussels	<i>Villosa lienosa</i>	Little Spectaclecase	S /	G5 / S3S4	0	0	2	5	0
Pulaski	Freshwater Mussels	<i>Villosa trabalis</i>	Cumberland Bean	E / LE	G1 / S1	21	3	16	2	0
Pulaski	Crustaceans	<i>Orconectes packardii</i>	Appalachian Cave Crayfish	T /	G2 / S2S3	5	6	0	0	0
Pulaski	Crustaceans	<i>Pseudocandona jeanneli</i>	Jeannel's Cave Ostracod	E /	G1G2 / S1	1	0	0	0	0
Pulaski	Insects	<i>Maccaffertium bednariki</i>	A Heptageniid Mayfly	S /	G2G4 / S2	0	1	0	0	0
Pulaski	Insects	<i>Nannothemis bella</i>	Elfin Skimmer	E /	G4 / S1S2	0	1	0	0	0
Pulaski	Insects	<i>Papaipema speciosissima</i>	Osmunda Borer Moth	E /	G4 / S1S2	1	0	0	0	0
Pulaski	Insects	<i>Stylurus notatus</i>	Elusive Clubtail	E / SOMC	G3 / S1	0	1	0	0	0
Pulaski	Other Invertebrates	<i>Pseudotremia spira</i>	A Cave Obligate Millipede	T /	G1 / S1S2	0	1	0	0	0
Pulaski	Fishes	<i>Etheostoma cinereum</i>	Ashy Darter	S / SOMC	G2G3 / S3	11	2	0	0	0
Pulaski	Fishes	<i>Ichthyomyzon greeleyi</i>	Mountain Brook Lamprey	T /	G3G4 / S2	0	1	0	0	0
Pulaski	Fishes	<i>Notropis sp. 4</i>	Sawfin Shiner	E /	G4 / S1	4	0	0	0	0
Pulaski	Fishes	<i>Phoxinus cumberlandensis</i>	Blackside Dace	T / LT	G2 / S2	4	0	0	0	0
Pulaski	Fishes	<i>Typhlichthys subterraneus</i>	Southern Cavefish	S / SOMC	G3G4 / S2S3	0	1	0	0	0
Pulaski	Amphibians	<i>Cryptobranchus alleganiensis alleganiensis</i>	Eastern Hellbender	S / SOMC	G3G4T3T4 / S3	0	1	0	0	0
Pulaski	Reptiles	<i>Eumeces inexpectatus</i>	Southeastern Five-lined Skink	S /	G5 / S3	1	0	0	0	0
Pulaski	Breeding Birds	<i>Accipiter striatus</i>	Sharp-shinned Hawk	S /	G5 / S3B,S4N	1	0	0	0	0
Pulaski	Breeding Birds	<i>Aimophila aestivalis</i>	Bachman's Sparrow	E / SOMC	G3 / S1B	0	1	0	0	0
Pulaski	Breeding Birds	<i>Ammodramus henslowii</i>	Henslow's Sparrow	S / SOMC	G4 / S3B	3	0	0	0	0
Pulaski	Breeding Birds	<i>Cistothorus platensis</i>	Sedge Wren	S /	G5 / S3B	1	0	0	0	0
Pulaski	Breeding Birds	<i>Lophodytes cucullatus</i>	Hooded Merganser	T /	G5 / S1S2B,S3S4N	1	0	0	0	0

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Pulaski	Breeding Birds	<i>Picoides borealis</i>	Red-cockaded Woodpecker	X / LE	G3 / SX	0	0	0	2	0
Pulaski	Breeding Birds	<i>Thryomanes bewickii</i>	Bewick's Wren	S / SOMC	G5 / S3B	1	0	0	0	0
Pulaski	Breeding Birds	<i>Tyto alba</i>	Barn Owl	S /	G5 / S3	1	0	0	0	0
Pulaski	Mammals	<i>Corynorhinus rafinesquii</i>	Rafinesque's Big-eared Bat	S / SOMC	G3G4 / S3	33	2	0	0	0
Pulaski	Mammals	<i>Myotis grisescens</i>	Gray Myotis	T / LE	G3 / S2	4	1	0	1	0
Pulaski	Mammals	<i>Myotis leibii</i>	Eastern Small-footed Myotis	T / SOMC	G3 / S2	2	0	0	0	0
Pulaski	Mammals	<i>Myotis sodalis</i>	Indiana Bat	E / LE	G2 / S1S2	9	0	0	0	0
Pulaski	Mammals	<i>Nycticeius humeralis</i>	Evening Bat	S /	G5 / S3	1	0	1	0	0
Pulaski	Mammals	<i>Ursus americanus</i>	American Black Bear	S /	G5 / S2	1	0	0	0	0
Pulaski	Communities	<i>Acid seep/bog</i>		/	GNR / S2S3	1	0	0	0	0
Pulaski	Communities	<i>Acidic mesophytic forest</i>		/	GNR / S5	2	0	0	0	0
Pulaski	Communities	<i>Acidic sub-xeric forest</i>		/	GNR / S5	1	0	0	0	0
Pulaski	Communities	<i>Appalachian pine-oak forest</i>		/	GNR / S5	1	0	0	2	0
Pulaski	Communities	<i>Bottomland ridge/terrace forest</i>		/	GNR / S1	0	0	0	1	0
Pulaski	Communities	<i>Cumberland Plateau gravel/cobble bar</i>		/	GNR / S1S2	1	0	0	0	0
Pulaski	Communities	<i>Dry limestone cliff/outcrop</i>		/	GNR / S5	1	0	0	0	0
Pulaski	Communities	<i>Hemlock-mixed forest</i>		/	GNR / S4S5	7	0	0	0	0
Pulaski	Communities	<i>Wet depression/sinkhole forest</i>		/	GNR / S1S2	1	0	0	0	0
Pulaski	Communities	<i>Wet flatwoods</i>		/	GNR / S3S4	2	0	0	0	0
Pulaski County Total:						313	41	75	87	0